

United States Department of Agriculture  
Natural Resources Conservation Service  
Arizona

## Operation and Maintenance Plan For Your Well

Cooperator

Date

Address

Location: Section

Twn

Range

Field No.

NRCS Field Office

County

This conservation practice is an asset to your farm or ranch. This practice will need periodic operation and maintenance to maintain satisfactory performance. The life of this practice or system is at least 10 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance. Here are some recommendations to help you develop a good operation and maintenance program.

### **GENERAL RECOMMENDATIONS**

Keep the well cover securely in place.

Protect the area from being damaged by agricultural machinery, vehicles, or livestock.

All fences, railings, and/or warning signs shall be maintained to provide warning and/ or prevent unauthorized human or livestock entry.

Maintain soil vegetative covering to the design conditions.

Control all rodents or burrowing animals. Immediately repair any damage caused by their activity.

Repair or replace rusted or damaged metal and paint.

Keep all surface water from entering or accumulating at the immediate vicinity of the well site.

Immediately repair any damage from vandalism, vehicles, or livestock.

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.

Maintain all pumps, agitators, piping, valves, and other electrical and mechanical equipment in good operating condition following the manufacturer's recommendations.

Maintain all safety shields on pumps, motors, or other electrical or mechanical equipment.

Check all pump bases and mountings for durability and ability to hold the pump in place without vibration, repair when necessary.

Replace, repack or tighten the seals when leakage is in excess of manufacturer's recommendations.

Drain all pumps and piping including valves that are subject to freezing. If parts of the system cannot be drained, a non-corrosive anti-freeze solution shall be added.

### **Specific Recommendations For Your Installation**

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.
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